

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 July 2005 (07.07.2005)

PCT

(10) International Publication Number
WO 2005/060979 A1

(51) International Patent Classification⁷: **A61K 33/04**

MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/EG2004/000004

(22) International Filing Date: 16 February 2004 (16.02.2004)

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003121103 23 December 2003 (23.12.2003) EG

(71) Applicant and

(72) Inventor: MAGD AHMED KOTB, Abdalla [EG/EG]; 5, 63 St., El Mokatam, P.O. Box 85 El Mokatam, Post Code 11571, Cairo-Egypt (EG).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,

Declarations under Rule 4.17:

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report
- with amended claims

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/060979 A1

(54) Title: ELEMENT SULFUR AS AN ORAL OR PARENTAL MEDICAL PRODUCT

(57) Abstract: Title element and its acid addition salts and derivatives are physiologically acceptable, essential and are readily converted to acceptable counter parts by established procedures, they are pharmacologically active on the liver, lungs, hematopoietic system and all body systems and are thus useful when administered to warm blooded animals to induce detoxification of many endogenous and exogenous metabolites. They are useful in terminating diseases associated with Glutathione S Transferase and Epoxide Hydrolase disorders. These compounds are prepared as elemental or as salts or as acid addition salts and derivatives compounds. They are simply elemental or compounded into different dosage - multi form medicament compositions.